

Performance Outcomes System Initial Population Based Reports

Small-Rural Population Counties as of July 29, 2015

Background

These reports are for the Performance Outcomes System and help meet the intent of the Legislature, as stated in Welfare and Institutions Code, Section 14707.5, to develop a performance outcomes system for Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) mental health services that will improve outcomes at the individual, program, and system levels and inform fiscal decision-making related to the purchase of services. Since 2012 DHCS has worked with several groups of stakeholders to create a structure for reporting, develop the Performance Measurement Paradigm, and develop indicators and measures. The seven domains of the paradigm selected for evaluation reflect the domains established at the national level by Substance Abuse and Mental Health Services Administration (SAMHSA). The Performance Outcomes System provides data that can be used to evaluate the domains of access, engagement, service appropriateness to need, service effectiveness, linkages, cost effectiveness and satisfaction.

Purpose and Overview

Population-based county grouped data is presented in this report. County groups are organized into the following four groups based on county population: small-rural, small, medium, and large counties. The counties in each group are listed on pages 13 and 14 in the Measures Catalog. These are the initial population-based county grouped reports and are planned to be updated annually.

The report focuses on the demographics of children and youth under 21 who are receiving Specialty Mental Health Services (SMHS) based on approved claims for Medi-Cal eligible beneficiaries. The report includes data on the demographics of this population by age, gender, and race/ethnicity. Two types of penetration information is provided. Both penetration rates tables are also broken out by demographic characteristics. Utilization of services data are shown in terms of dollars, as well as by service, in time increments. The snapshot data provides a point-in-time view of children/youth arriving, exiting, and continuing services over a two-year period. The final report provides a view over the past four years of the time to step-down services.

As possible, the report provides trend information by displaying information for Fiscal Years (FY) 10/11, 11/12, 12/13, and 13/14.

Note: Data may not be reported for one of two reasons. 1) Data is missing and this is indicated by a "-" 2) Data has been suppressed due to privacy concerns and this is indicated by a "A".

Definitions

Population –

Beneficiaries with approved services adjudicated through the Short Doyle/Medi-Cal II claiming system that were:

- Age 20 or younger during the approved date of service on the claim; or
- Age 21 during the approved date of the service on the claim and a birth date on or after January 1st of the Fiscal Year.

Data Sources -

- Short-Doyle/Medi-Cal II (SD/MC II) claims with dates of service in FY 10/11 through FY 13/14.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 10/11 through FY 13/14.

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Additional Information

The Measures Catalog is the companion document for these reports and provides the methodology and definitions for the measures. Each measure is defined and the numerator and denominator used to develop the metrics are provided with relevant notes and additional references.

http://www.dhcs.ca.gov/services/MH/Documents/MedCCC/Library/POSMeasuresCatalog_Sept15Reporting_Final_1.11.15.pdf

Report Highlights

Note on Privacy:

The Health Insurance Portability and Accountability Act (HIPAA) and Code of Federal Regulations (CFR) 42 rules protect most individually identifiable health information in any form or medium, whether electronic, on paper, or oral. DHCS has strict rules in place to protect the identification of individuals in public reports. A “Public Aggregate Reporting – DHCS Business Reports” process has been established to maintain confidentiality of client Personal Information. The Performance Outcomes System complies with Federal and State privacy laws. Thus, the POS must appropriately and accurately de-identify data for public reporting². Due to privacy concerns, some cells in this report have been suppressed to comply with state and federal rules.

The demographic reports provide information about county children and youth by race, age, and gender for the past four fiscal years. The first penetration reports use the same breakdowns of race, age, and gender for all county SMHS children and youth.

- Count of children and youth certified eligible to receive services in FY 13/14: 47,051
- Count of children and youth receiving services in FY 13/14: 2,703
- Countywide, one contact, penetration rate in FY 13/14: 5.7%

The second penetration report provides information on county children and youth with five or more SMHS visits in a fiscal year, for the past four fiscal years.

- Count of children and youth with 5 or more visits in FY 13/14: 1,864
- Penetration rate of children and youth with 5 or more visits in FY 13/14: 4.0%

The approved services report provides the numbers of minutes or days of services for each beneficiary for the past four fiscal years.

Average per beneficiary expenditure for children and youth for approved services in FY 13/14: \$4,034.54

The snapshot report provides counts and percentages of children and youth arriving, exiting, and continuing to receive services in county in the past two fiscal years.

The final report provides insights into how soon following discharge from inpatient services a beneficiary received step-down follow-up services.

The final report provides insights into how soon following discharge from inpatient services a beneficiary received step-down follow-up services, but due to small cell sizes it is not possible to provide these data for the Small-Rural county grouping.

Please contact cmhpos@dhcs.ca.gov for any questions regarding this report.

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Small-Rural Population Counties as of July 29, 2015

County Groupings

Counties are grouped by population, as follows:

Category:

Small Rural: Population is less than 50,000

Small: Population is 50,000-199,999

Medium: Population is 200,000-749,000

Large: Population is 750,000-3,999,999

Very Large: 4,000,000 or greater

Counties in each Category:

Small Rural: Alpine, Amador, Calaveras, Colusa, Del Norte, Glenn, Inyo, Lassen, Mariposa, Modoc, Mono, Plumas, Sierra, Siskiyou, Trinity

Small: El Dorado, Humboldt, Imperial, Kings, Lake, Madera, Mendocino, Napa, Nevada, San Benito, Shasta, Sutter, Tehama, Tuolumne, Yuba

Medium: Butte, Marin, Merced, Monterey, Placer, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Solano, Sonoma, Stanislaus, Tulare, Yolo Large: Alameda, Contra Costa, Fresno, Kern, Orange, Riverside, Sacramento, San Bernardino, San Diego, San Francisco, Santa Clara, Ventura

Very Large: Los Angeles

Population information is provided for each county (on pages 9 and 10) of the Measures Catalog.

http://www.dhcs.ca.gov/individuals/Documents/POS%20Measures%20Catalog_2.17.15.pdf

**Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Small-Rural Population Counties as of July 29, 2015**

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Medi-Cal Eligibles	Year-Over-Year Percentage Change
FY 10-11	2,660		37,778	
FY 11-12	2,346	-11.8%	38,227	1.2%
FY 12-13	2,337	-0.4%	39,479	3.3%
FY 13-14	2,703	15.7%	47,051	19.2%
Compound Annual Growth Rate SFY**		0.5%		7.6%

*SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.

**SFY = State Fiscal Year which is July 1 through June 30.

**Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Small-Rural Population Counties as of July 29, 2015**

Fiscal Year	Alaskan Native or American Indian Count	Alaskan Native or American Indian %	Asian or Pacific Islander Count	Asian or Pacific Islander %	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %	Unknown Count	Unknown %
FY 10-11	188	7.1%	22	0.8%	38	1.4%	413	15.5%	1,859	69.9%	0	0.0%	140	5.3%
FY 11-12	153	6.5%	12	0.5%	33	1.4%	402	17.1%	1,608	68.5%	0	0.0%	138	5.9%
FY 12-13	154	6.6%	14	0.6%	36	1.5%	407	17.4%	1,580	67.6%	^	^	^	^
FY 13-14	157	5.8%	14	0.5%	36	1.3%	532	19.7%	1,766	65.3%	^	^	^	^

^ Data has been suppressed to protect patient privacy.

**Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Small-Rural Population Counties as of July 29, 2015**

Fiscal Year	Children 0 5 Count	Children 0 5 %	Children 6 11 Count	Children 6 11 %	Children 12 17 Count	Children 12-17 %	Youth 18-20 Count	Youth 18-20 %
FY 10-11	234	8.8%	891	33.5%	1,177	44.2%	358	13.5%
FY 11-12	197	8.4%	804	34.3%	1,003	42.8%	342	14.6%
FY 12-13	207	8.9%	821	35.1%	975	41.7%	334	14.3%
FY 13-14	273	10.1%	915	33.9%	1,160	42.9%	355	13.1%

**Demographics Report: Unique Count of Children and Youth by Fiscal Year
Small-Rural Population Counties as of July 29, 2015**

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 10-11	1,211	45.5%	1,449	54.5%
FY 11-12	1,075	45.8%	1,271	54.2%
FY 12-13	1,096	46.9%	1,241	53.1%
FY 13-14	1,266	46.8%	1,437	53.2%

Penetration Rates* Report: Children and Youth With At Least One SMHS Visit
Small-Rural Population Counties as of July 29, 2015**

	FY 10-11			FY 11-12			FY 12-13			FY 13-14		
	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate
All	2,660	37,778	7.0%	2,346	38,227	6.1%	2,337	39,479	5.9%	2,703	47,051	5.7%
Children 0-5	234	13,906	1.7%	197	13,806	1.4%	207	13,787	1.5%	273	14,972	1.8%
Children 6-11	891	9,580	9.3%	804	9,872	8.1%	821	10,936	7.5%	915	13,706	6.7%
Children 12-17	1,177	9,032	13.0%	1,003	9,059	11.1%	975	9,472	10.3%	1,160	11,880	9.8%
Youth 18-20	358	5,260	6.8%	342	5,490	6.2%	334	5,284	6.3%	355	6,493	5.5%
Alaskan Native or American Indian	188	2,347	8.0%	153	2,395	6.4%	154	2,434	6.3%	157	2,540	6.2%
Asian or Pacific Islander	22	999	2.2%	12	936	1.3%	14	928	1.5%	14	1,099	1.3%
Black	38	503	7.6%	33	455	7.3%	36	461	7.8%	36	454	7.9%
Hispanic	413	9,952	4.1%	402	10,261	3.9%	407	10,882	3.7%	532	14,004	3.8%
White	1,859	21,758	8.5%	1,608	21,746	7.4%	1,580	21,921	7.2%	1,766	24,513	7.2%
Other	0	218	0.0%	0	179	0.0%	^	158	^	^	360	^
Unknown	140	2,001	7.0%	138	2,255	6.1%	^	2,695	^	^	4,081	^
Female	1,211	18,642	6.5%	1,075	19,018	5.7%	1,096	19,556	5.6%	1,266	23,175	5.5%
Male	1,449	19,136	7.6%	1,271	19,209	6.6%	1,241	19,923	6.2%	1,437	23,876	6.0%

^ Data has been suppressed to protect patient privacy.

Penetration Rates* Report: Children and Youth With Five or More SMHS Visits
Small-Rural Population Counties as of July 29, 2015**

	FY 10-11			FY 11-12			FY 12-13			FY 13-14		
	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate
All	1,928	37,778	5.1%	1,724	38,227	4.5%	1,625	39,479	4.1%	1,864	47,051	4.0%
Children 0-5	147	13,906	1.1%	115	13,806	0.8%	110	13,787	0.8%	145	14,972	1.0%
Children 6-11	687	9,580	7.2%	614	9,872	6.2%	618	10,936	5.7%	679	13,706	5.0%
Children 12-17	866	9,032	9.6%	717	9,059	7.9%	704	9,472	7.4%	835	11,880	7.0%
Youth 18-20	228	5,260	4.3%	213	5,490	3.9%	193	5,284	3.7%	205	6,493	3.2%
Alaskan Native or American Indian	132	2,347	5.6%	114	2,395	4.8%	106	2,434	4.4%	105	2,540	4.1%
Asian or Pacific Islander	16	999	1.6% ^		936	^		928	^	11	1,099	1.0%
Black	26	503	5.2%	22	455	4.8%	25	461	5.4%	25	454	5.5%
Hispanic	316	9,952	3.2%	267	10,261	2.6%	286	10,882	2.6%	380	14,004	2.7%
White	1,332	21,758	6.1%	1,332	21,746	6.1%	1,094	21,921	5.0%	1,197	24,513	4.9%
Other	0	218	0.0%	0	179	0.0%	0	158	0.0%	^	360	^
Unknown	106	2,001	5.3%	^	2,255	^	^	2,695	^	^	4,081	^
Female	864	18,642	4.6%	746	19,018	3.9%	748	19,556	3.8%	864	23,175	3.7%
Male	1,064	19,136	5.6%	913	19,209	4.8%	877	19,923	4.4%	1,000	23,876	4.2%

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**Utilization Report*: Approved Specialty Mental Health Services for Children and Youth
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Small-Rural Population Counties as of July 29, 2015**

Fiscal Year	SDMC Total Approved	IHBS (Minutes)	ICC (Minutes)	Case Management/ Brokerage (Minutes)	Mental Health Services (Minutes)	Therapeutic Behavioral Services (Minutes)	Medication Support Services (Minutes)	Crisis Intervention (Minutes)	Crisis Stabilization (Hours)	Full Day Treatment Intensive (Hours)	Full Day Rehabilitation (Hours)	Hospital Inpatient (Days)**	Hospital Inpatient Admin (Days)**	Crisis Residential Treatment Services (Days)	Adult Residential Treatment Services (Days)	Psychiatric Health Facility (Days)
FY 10-11	\$ 5,766.76	0	0	423	2,087	15,275	243	269	0	677	330	N/A	N/A	0	0	11
FY 11-12	\$ 4,285.22	0	0	504	1,347	6,638	242	284	0	571	277	N/A	N/A	0	0	38
FY 12-13	\$ 4,337.42	0	0	508	1,387	5,072	259	280	0	602	303	N/A	N/A	0	0	38
FY 13-14	\$ 4,034.54	852	291	404	1,231	9,560	266	252	0	380	742	N/A	N/A	0	0	40
MEAN	\$ 4,605.98	852	291	460	1,513	9,136	253	271	0	557	413	N/A	N/A	0	0	32

Fiscal Year	SDMC Total Unique Beneficiary Count	IHBS (Unique Beneficiary Count)	ICC (Unique Beneficiary Count)	Case Management/ Brokerage (Unique Beneficiary Count)	Mental Health Services (Unique Beneficiary Count)	Therapeutic Behavioral Services (Unique Beneficiary Count)	Medication Support Services (Unique Beneficiary Count)	Crisis Intervention (Unique Beneficiary Count)	Crisis Stabilization (Unique Beneficiary Count)	Full Day Treatment Intensive (Unique Beneficiary Count)	Full Day Rehabilitation (Unique Beneficiary Count)	Hospital Inpatient (Unique Beneficiary Count)**	Hospital Inpatient Admin (Unique Beneficiary Count)**	Crisis Residential Treatment Services (Unique Beneficiary Count)	Adult Residential Treatment Services (Unique Beneficiary Count)	Psychiatric Health Facility (Unique Beneficiary Count)
FY 10-11	2,758	0	0	1,026	2,590	32	777	339	0	^	12	N/A	N/A	0	0	^
FY 11-12	2,473	0	0	907	2,285	30	766	322	0	^	11	N/A	N/A	0	0	^
FY 12-13	2,436	0	0	993	2,225	19	716	348	0	^	^	N/A	N/A	0	0	12
FY 13-14	2,814	36	77	1,088	2,578	16	822	405	0	^	^	N/A	N/A	0	0	17

**This data will be available in June, 2016

Please note that (n) values listed at the bottom of each bar graph represent the actual number of children/youth that received the SMHS represented in their respective graph by Fiscal Year.

^ Data has been suppressed to protect patient privacy.

**Snapshot Report: Unique Count of Children and Youth Receiving SMHS
Arriving, Exiting, and with Service Continuance by Fiscal Year
Small-Rural Population Counties as of August 3, 2015**

Category	Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.)
Arrivals	Children/Youth that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year.
Service Continuance	Children/Youth receiving continuous services with no breaks in service greater than 90 days for a period of at least 2 years (>= 2 YR) or a period of 1 to 2 years (< 2 YR).
Exiting	Children/Youth that did not receive any SMHS within 3 months after their last date of service in the Fiscal Year.
Arriving & Exiting	A distinct category in which children/youth met both the criteria for Arrivals and Exiting above for the fiscal year.
Service Continuance & Exiting	A distinct category in which Children/Youth had at least 2 years of Service Continuance going into the Fiscal Year and then Exited within the same Fiscal Year.

Service Fiscal Year	Arrivals Count	Arrivals %	Service Continuance (>= 2 YR) Count	Service Continuance (>= 2 YR) %	Service Continuance (<2 YR) Count	Service Continuance (< 2 YR) %	Exiting Count	Exiting %	Arriving & Exiting Count	Arriving & Exiting %	Service Continuance (>= 2 YR) & Exiting Count	Service Continuance (>= 2 YR) and Exiting %	Total Count	Total %
FY 12-13	545	23.3%	165	7.1%	210	9.0%	440	18.8%	862	36.9%	115	4.9%	2,337	100%
FY 13-14	642	23.8%	152	5.6%	194	7.2%	457	17.0%	1,106	41.1%	143	5.3%	2,694	100%